



涵 THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard M. Weinshilboum et al.

Art Unit : 1652

Serial No.:

09/829,545

Examiner: R. Prouty

RECEIVER

Filed Title

: April 10, 2001

: SULFOTRANSFERASE SEQUENCE VARIANTS

TECH CENTER 1600/2900

Commissioner for Patents Washington, D.C. 20231

RESPONSE

In response to the action mailed October 22, 2002, please amend the application as follows:

In the specification:

Please replace the paragraph beginning at page 1, line 4, with the following rewritten paragraph:

BI

-- This application is a divisional of U.S. Serial No. 09/167,681, filed October 7, 1998, now U.S. Patent No. 6,265,561.--

In the claims:

Please cancel claim 33.

Please amend claims 14-17 and 34 as follows:

-- 14. (Amended) A method for determining the risk estimate of cancer in a subject, said method comprising detecting the presence or absence of a sulfotransferase nucleotide sequence variant in said patient, wherein said sulfotransferase nucleotide sequence variant encodes a

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